

# UPPER MISSISSIPPI SOURCE WATER PROTECTION

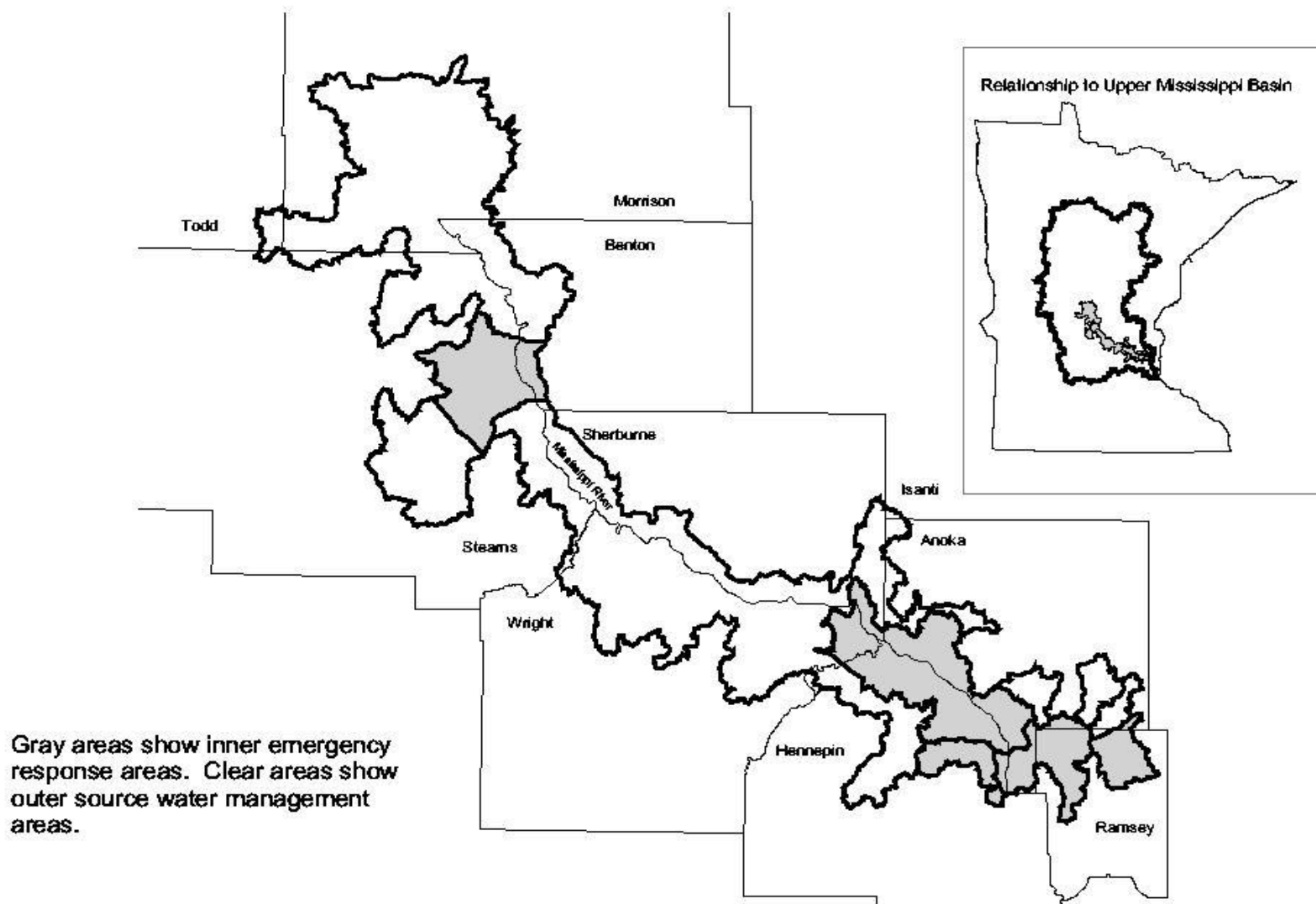
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## COMPOSITE SOURCE WATER ASSESSMENT AREAS FOR THE MISSISSIPPI RIVER



# PAST EFFORTS

- River Defense Network
- Contaminant Flow Model (REMM)
- Caching Spill Response Equipment
- Planning and Training Activities
- Upper Miss Source Water Initiative

# CURRENT FUNDING LEVEL (2002- 2005)

- CWA Section 319 Grant - \$243,250
- Cash Contribution - \$150,000  
(Minneapolis, St. Cloud, St. Paul)
- In-kind Contribution – \$100,000

# CURRENT ACTIVITIES

- Calculate TOT on Major Tributaries
- Pilot Effort to Inventory Potential Sources of Contamination
- Assess Types, Levels, and Sources of Pharmaceuticals and Endocrine – Disrupting Chemicals

# CURRENT ACTIVITIES (Cont.)

- Identify Aquifers Susceptible to Nitrate Contamination
- Identify Areas Where Contamination Affects Surface and Ground Water
- Identify Drinking Water Contaminants to be Added to TMDL List

# CURRENT ACTIVITIES (Cont.)

- Ad Hoc Advisory Group to Address SWP Plans for Surface Water Intakes
- Formally Establish SWPAs for Minneapolis, St. Cloud, and St. Paul
- Draft SWP Plans for These Communities

# CURRENT ACTIVITIES (Cont.)

- Integrate Intake Protection with Wellhead Protection Efforts
- Develop Outreach and Education Capabilities to Reach the Public